

Serial No. 10/724,299
Reply to Office Action of February 22, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (original): A disk drive printed circuit board for use with a disk drive electrical component, the disk drive electrical component defining a rectangular perimeter, the perimeter including opposing first and second edges defining a first lateral distance, the perimeter further including opposing third and fourth edges defining a second lateral distance, the perimeter further including opposing corners defining a diagonal distance, the printed circuit board comprising:

a board body;

a mounting surface disposed upon the board body; and

component-dedicated alignment line indicators visibly disposed at the mounting surface for aligning the disk drive electrical component at the mounting surface, the component-dedicated alignment line indicators including:

first and second inner line segments spaced apart a first inner spacing at least the first lateral distance and less than the diagonal distance;

third and fourth inner line segments extending between and perpendicular to the first and second inner line segments, the third and fourth inner line segments spaced apart a second inner spacing at least the second lateral distance and less than the diagonal distance; and

first and second outer line segments disposed parallel to the first and second inner line segments with the first and second inner line segments between the first and second outer line segments, the first and second outer line segments spaced apart a first outer spacing more than the first inner spacing and less than the diagonal distance.

Serial No. 10/724,299
Reply to Office Action of February 22, 2006

Claim 2 (original): The printed circuit board of Claim 1 wherein the third and fourth inner line segments intersect the first and second inner line segments.

Claim 3 (original): The printed circuit board of Claim 1 wherein the component-dedicated alignment line indicators further includes a third outer line segment extending between and perpendicular to the first and second outer line segments, the third outer line segment is disposed with the third inner line segment between the third edge of the disk drive component and the third outer line segment.

Claim 4 (original): The printed circuit board of Claim 3 wherein the third outer line segment intersects the first and second outer line segments.

Claim 5 (original): The printed circuit board of Claim 1 wherein the component-dedicated alignment line indicators further includes third and fourth outer line segments extending between and perpendicular to the first and second outer line segments, the third and fourth inner line segments spaced apart a second outer spacing at least the second lateral distance and less than the diagonal distance.

Claim 6 (original): The printed circuit board of Claim 5 wherein the third and fourth outer line segments intersect the first and second outer line segments.

Claims 7-15 (cancelled)

Claim 16 (new): A hard drive circuit board for use with a disk drive electrical component with a rectangular mounting base, comprising:

- a rigid board body;
- a mounting surface on the board body;
- four inner line segments disposed upon the mounting surface, wherein the four inner line segments define a rectangle having a width and a length at least as large as a width and a length of the base of the electrical component; and

Serial No. 10/724,299
Reply to Office Action of February 22, 2006

a pair of outer line segments disposed parallel to and spaced apart from two opposing ones of the inner line segments with the two opposing ones of the inner line segments being positioned between the pair of outer line segments.

Claim 17 (new): The circuit board of claim 16, further comprising an additional pair of outer line segments disposed parallel to and spaced apart from an additional two opposing ones of the inner line segments other than the two opposing ones of the inner line segments, with the additional two opposing ones of the inner line segments being positioned between the additional pair of outer line segments.

Claim 18 (new): The circuit board of claim 17, wherein the inner line segments and the outer line segments are visibly disposed on the mounting surface.

Claim 19 (new): The circuit board of claim 18, wherein the inner line segments and the outer line segments are applied to the mounting surface using silk screening.

Claim 20 (new): The circuit board of claim 16, wherein the rectangle formed by the four inner line segments is sized to circumscribe the based of the electrical component when the electrical component is centered within the four inner line segments.